Commonwealth of Kentucky
Division for Air Quality

PERMIT APPLICATION SUMMARY FORM

Completed by: Linda Martin

GENERAL INFORMATION:

Name:	Accuride Corporation
Address:	2315 Adams Lane Henderson, KY 42420
Date application received:	9/5/2002
SIC Code/SIC description:	3499, Miscellaneous Fabricated Metal Product Manufacturing
Source ID:	21-101-00030
Agency Interest:	1786
Activity:	APE20020001
Permit:	V-07-015

APPLICATION TYPE/PERMIT ACTIVITY:

[ ] Initial issuance	[ ] General permit
[ ] Permit modification	[ ] Conditional major
__Administrative	[X] Title V
__Minor	[ ] Synthetic minor
__Significant	[X] Operating
[X] Permit renewal	[ ] Construction/operating

COMPLIANCE SUMMARY:

[ ] Source is out of compliance [ ] Compliance schedule included

[ ] Compliance certification signed

APPLICABLE REQUIREMENTS LIST:

[ ] NSR	[ ] NSPS	[X] SIP
[ ] PSD	[X] NESHAPS	[ ] Other
[ ] Netted out of PSD/NSR	[ ] Not major modification per 401 KAR 51:001, 1(116)(b)	

MISCELLANEOUS:

[ ] Acid rain source

[ ] Source subject to 112(r)

[ ] Source applied for federally enforceable emissions cap

[ ] Source provided terms for alternative operating scenarios

[X] Source subject to a MACT standard

[ ] Source requested case-by-case 112(g) or (j) determination

[ ] Application proposes new control technology

[X] Certified by responsible official

[X] Diagrams or drawings included

[ ] Confidential business information (CBI) submitted in application

[ ] Pollution Prevention Measures

[ ] Area is non-attainment (list pollutants):

EMISSIONS SUMMARY:

Pollutant	Potential (tpy)	Actual (tpy)[1]	Allowable
PM/PM_{10}	56.8	0.7454002	NA
SO_2	0.28	0.035127	NA
NOx	45.5	7.7351	NA
CO	38.3	2.403485	NA
VOC	572.03	35.4428399	< 3.5 lbs VOC/gal[2]
Single HAPs > 10 tpy Xylene (CAS 1330-20-7) Glycol Ethers (CAS 110-80-5)	11.83 10.28	NA	NA
Source wide HAPs > 25 tpy	28.99	NA	2.6 lb organic HAP/gal coating solids used during each 12-month compliance period[2]

[1] Actual emissions are from the Kentucky Division for Air Quality's 2006 Emissions Inventory report.
[2] 40 CFR 63, Subpart MMMM, *National Emission Standard for Hazardous Air Pollutants for Surface Coating of Miscellaneous Metal Parts and Products.*

SOURCE DESCRIPTION:
Accuride Corporation (Accuride) is a manufacturer of wheels for heavy, medium, and light-duty trucks. The Accuride Henderson, Kentucky facility is located at 2315 Adams Lane in Henderson County and primarily manufactures truck wheels. Accuride was issued an initial Title V permit on March 5, 1998.

Accuride manufactures wheels by means of two processes. The first process starts with the rim line where flat steel is rolled to form the wheel rim. The discs are manufactured by spinning and stamping. The rim and disc are then washed before proceeding to the assembly area where the disc and rim are assembled and welded to form the wheel. The wheel is then conveyed to the paint line where the wheel undergoes a multistage electrocoating process where the paint coating is applied. The coated wheel is then dried in the dehydration and curing oven. Once the wheels leave the ovens, they are either conveyed to the stacking area where they are prepared for shipping or sent to the powder coating process.

The second process involves a powder coating system. A portion of the electrocoated wheels from the first process are conveyed to the second process for powder coating. The powder coating includes pre-washing, drying, powder coating, and oven curing stages. Stage 1 of the pre-wash involves the use of a slightly acidic surfactant cleaner. Step pre of the pre-wash is a clean water rinse followed by Stage 3, which is a water/surfactant spray rinse. From the pre-washing cycle, the wheel is conveyed to a natural gas fired drying unit and a chilled-air cooling tunnel. The wheel is then powder coated in an environmentally controlled room where the booth exhaust is re-circulated into the booth (integral recirculation system). Following the powder coating booth, a natural gas-fired curing oven is employed to cure the powder coating. The wheels are then conveyed to the staking area where they are prepared for shipping.

On September 5, 2002, the Division received an application from the permittee for the renewal of Title V Permit V-98-039, issued March 5, 1998. Additional revised information was submitted by the applicant on June 8, 2007. This permit is being issued pursuant to 401 KAR 52:020 as the Title V renewal permit for this source.